

# My Dream

## Fantasy, Reality, Possibility



# The Beginning

- John wakes up on Sunday morning June 9, goes to the bathroom and sees this bump on his penis. He is freaked out.
- He calls a friend who tells him he should go to Health Department.
- He gets on the web and finds the number for the STD program.
- There is a utility to make appointments. It looks like this.

# Monday June 10 appts.

Appointment Time	D r Smith	Dr. Randall	Dr. Jones
8:00	(301) 326 -33166		
9:00		(301) 585-7865	
10:00			
1:00	(301) 589-7651		
2:00			
3:00			

# Messaging

Don't Urinate for  
two hours prior to  
coming in.

Don't be more than 15  
minutes late, or you  
will lose your  
appointment

Don't bring  
children

We request a  
\$10.00 donation.

# At the Clinic

- John arrives at the clinic and provides his phone number. Support staff confirm his appointment and identity and assign him to a computer kiosk to complete registration.
- At the computer kiosk, he completes his risk assessment and an algorithm reviews his answers and develops a counseling algorithm that comes up on his clinician's computer.

# Reality Insight

- Insight is an SQL based electronic medical record system designed to run a health department. Anne Arundel County, Baltimore City, Frederick County and Washington County, all either currently have or have experience with Insight.
- Designed to be an integrated health department-wide system.
- Biggest problems are the high maintenance costs and the lack of current plans to become web-based.

# Intake

**Insight**

File Search Options Administration Tasks Community Navigate Help

Pat. Search (F6) Encounters Appointments STD Case Man. Patient Tracking Medical Records Event Mgmt

Registration Patient Accounts IB Lab Community Enc. FP Family Planning EMR Dashboard STD Event Mgmt

# Insight

Version 7.1

**Netsmart Technologies**  
Connecting Health and Human Services

Software Just for Public Health ®  
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Close Central Office Netsmart Public Health

No Patient SQL:10.50.2550.0 (GNO) OS: Win XP Pro 06/01/2013 05:05 pm 7.1.2.124 SplashForm Alert Level :

Addr

Name

Pat. #:

Age:

DOB:

Medicaid #:

Demographics

Additional

Contact Information

Meds/Allergies

Birth

Billing

AKA

Exhibits

User-Defined

Registration Date

06/01/2013

Form Type

Date of Birth

Age:

SSN

- -

Name: (F,M,L)

Alias

☒ Long Term Care

Mailing Address

Clear Address

City, State, Zip

Home,Work,Cell #

( ) -

( ) -

( ) -

Home Email

Texting:

Work Name, Email

Sex, Gender

Marital Status

Note

Race

Ethnicity

Prim. Language

School

Education

Census Tract

County

Emp. Status

Occupation

Last Verified

Next Appointment

Last Enc. Date

Patient Tracking?

Update Date

By





Addr	Name	Pat. #:	Age:	DOB:
			Medicaid #:	

Demographics | Additional | Contact Information | Meds/Allergies | Birth | Billing | AKA | Exhibits | User-Defined |

Addresses | Parents | Confidential | Emergency | Associated Parties | Confidential Sub Program |

Name: (F,M,L)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Phone	<input type="text" value="( ) -"/>		
Texting	<input type="text"/>		

Addr Name	John Test	Age: 52	DOB: 01/02/1961
	Pat #: 262448	BLACK/AFRICAN AMERICAN Male	Medicaid #:

CoSite: Central Office	Clinic: DRUID	Updated Date: 06/01/2013	Visit Date: 06/01/2013
------------------------	---------------	--------------------------	------------------------

Enc.	Sympt	Problems	Meds	Hx	RA	HIV	PE	EMR Notes	Stat	Lab	Dx	Tx	Follow Up	Billing	User-Def.	Exhibits
------	-------	----------	------	----	----	-----	----	-----------	------	-----	----	----	-----------	---------	-----------	----------

Case #	<input type="text"/>	I/R Control #	<input type="text"/>	Local ID	<input type="text"/>	<div>STD Cosite-Date-Visit # C 612013 3138</div> <div> <div>Void Encounter</div> <div><input type="text"/></div> <div>Chg. Cosite</div> </div> <div> <div>Chief Complaint</div> <div><input type="text"/></div> </div>											
Clinic	<div>DRUID</div>																
STD Program	<div>DRUID</div>																
Info. Source	<div><input type="text"/></div>																
Patient Category	<div> <input type="radio"/> New Patient <input type="radio"/> Within 90 days of last full exam <input type="radio"/> Revisit <input type="radio"/> First visit this year </div>																

Reason for Enc.	Self-referral for:	DIS Referral for:	Contact with:	Clinical:	Counseling:
	<input checked="" type="checkbox"/> Symptoms <input type="checkbox"/> HIV Test <input type="checkbox"/> Check Up <input type="checkbox"/> Other	<input type="checkbox"/> +STS <input type="checkbox"/> +GC <input type="checkbox"/> +HIV <input type="checkbox"/> +CT <input type="checkbox"/> +Hep B <input type="checkbox"/> +Hep C <div>Other <input type="text"/></div> <div>To <input type="text"/></div> <div>On <input type="text"/></div>	<input type="checkbox"/> Syphilis <input type="checkbox"/> GC <input type="checkbox"/> HIV <input type="checkbox"/> CT <input type="checkbox"/> Unknown <div>Other <input type="text"/></div>	<input type="checkbox"/> New Problem <div>Tx for +Test for <input type="text"/></div> <div>Re-exam for <input type="text"/></div> <input type="checkbox"/> Repeat Serology <div>Other <input type="text"/></div>	<input type="checkbox"/> Tx as Dir <input type="checkbox"/> Problems with Tx <input type="checkbox"/> Partner Treat <input type="checkbox"/> Sex Since Tx <input type="checkbox"/> HIV Post Test in Person <input type="checkbox"/> HIV Post Test by Phone <div>Other 1 <input type="text"/></div> <div>Other 2 <input type="text"/></div>
Infection Site	<div> <input type="checkbox"/> Rectum  <input type="checkbox"/> Throat  <input checked="" type="checkbox"/> Genitalia  <div>Other <input type="text"/></div> </div>				

STD Event #	
STD Enc #	684258
Entered on	06/01/2013
Updated on	06/01/2013
By	GNO

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Last Sexual Enc.	<input type="text" value="/ /"/>	Sexual Pref.	<input type="text"/>	Number of Partners	Qty.
LSE Other	<input type="text"/>	Sexual Identity	<input type="text"/>	Anon. Partners in last 12 Mo	
Condom LSE	<input type="checkbox"/> Condom?	Other	<input type="text"/>	In the last 3 Months	
Condom Freq.	<input type="text"/>	Gender Identity	Male <input type="text"/>	In the last 60 Days	

Partner Pregnant	<input type="text"/>	? Sexual Practice		Met on Internet last 12 Months	
<input type="checkbox"/> Domestic Violence?		<input type="checkbox"/> Genital		New Partner(s)	
<input type="checkbox"/> Transfusion?		<input type="checkbox"/> Oral			
		<input type="checkbox"/> Rectal			

Notes		? Patient Risk Factor(s)		? Partner(s) Risk Factor(s)	
		<input type="checkbox"/> >4/5 drinks/any day past 30 day		<input type="checkbox"/> HIV+ Partner (last 12 Mo)	
		<input type="checkbox"/> vaginal/anal sex/alcoh past 30		<input type="checkbox"/> MSM Partner (last 12 Mo)	
		<input type="checkbox"/> Crack/Cocaine Use (last 12 Mo)			
		<input type="checkbox"/> Erect Dysfunction Drugs (last 12			
		<input type="checkbox"/> Heroin Use (last 12 Mo)			
		<input type="checkbox"/> HIV+ Sex Partner (last 12 Mo)			
		<input type="checkbox"/> IVDU (last 12 Mo)			
		<input type="checkbox"/> Meth Use (last 12 Mo)			
		<input type="checkbox"/> Poppers/Nitrates Use (last 12 M			
		<input type="checkbox"/> Sexual Assault (ever)			
		<input type="checkbox"/> Sex for \$/Drugs/Stuff (last 12 M			
		<input type="checkbox"/> Needle Sharing (last 12 Mo)			
		<input type="checkbox"/> Sex with MSM (last 12 Mo)			

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1. Lab Order #

Lab Order #

2.a. Order by Lab Groups

☐ SO - RPR: SYPH. GRP
☒ **XO - HIV**
☐ HB - HEPATITIS B
☐ HC - HEPATITIS C
☐ PA - PAP GROUP
☐ QF - QUANTIFERON GRO
☐ TB - TB BLOOD TEST GR
☐ GO - Gonorrhea
☐ HS - HERPES TEST
☐ HO - HEMATOLOGY GRO
☐ FA - FTA CONFIRMATORY
☐ CC - CHLAMYDIA CULTUF
☐ HR - HDRNA GROUP
☐ DF - DFATP
☐ GC - GEN-PROBE GC/CT

2.b. Order by Specimen ID

Specimen from
Specimen ID

Order Test

Lab Tests Ordered

(Listed Tests without Specimen ID will NOT be ordered)

Group	Test	Site	Specimen ID	Status	Results	Pos/Abn?		Recvd.	Completed	Ordered By
XO - HIV	HIV - HIV1 AN	SERUM				<input type="checkbox"/>				
SO - RPR:	RPR - RPR: S	SERUM	SO 1234567	Posted		<input type="checkbox"/>				ANNA BROWN

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		Drug / Treatment	Dosage	Provider	Patient #	Contact #	For Diag	Route	Duration
Treatment	013	Bicillin 2.4 mu		ANNA BROWN					

Visit Filter

No Filter

HIV Partner	<input type="checkbox"/> Card Given #	Partner Plan
STD	<input type="checkbox"/> Card Given #	

Clinician		(< locks record)	Unlock
Blood Drawn By			
Hep A Vax By			
Hep B Vax By			
Twinrix Vax By			

Referral To	DIS for Partner Services	Given by	ANNA BROWN
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# The Syphilis Interview

- The DIS pulls up the patient in Insight and Insight asks the DIS if they want to create an interview record.
- The DIS responds yes and Insight transmits all of the current demographic information from Insight into PRISM, and creates a record in Insight that tells the Patient Tracking module that this patient has a PRISM record.

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No Patient SQL:10.50.2550.0 (GNO) OS: Win XP Pro 06/01/2013 05:05 pm 7.1.2.124 SplashForm Alert Level : [ ] [ ] [ ]

# The Interview continued

- Three weeks prior to Sunday June 2<sup>nd</sup>, the patient got drunk at a bar in West Baltimore.
- He paid a prostitute for sex. She was tall, blonde, missing a couple of front teeth and had a tatoo of a head with snakes for hair on one of her shoulders. He thinks she called herself Ginger.



# Creating An Alert



(New / Edit ) Alert



Patient Number :  
262448

Provider :

DEBORAH MACKLIN

Expiration Date :

09/30/2013

Level



Red



Yellow



Green

PATIENT IS A TALL THIN WHITE FEMALE, MISSING SEVERAL FRONT  
TEETH, HAS A HEAD WITH SNAKES FOR HAIR TATOOED ON ONE  
SHOULDER FREQUENTS HIGHLANDTOWN AREA GOES BY GINGER

Save

Cancel

Close

# Result

- Because someone is vigilant on the Needle Exchange Van, they read the recent alerts and recognize Ginger.
- Needle Exchange calls the STD control program and Kevin Coger picks Ginger up and takes her to the Health Department for treatment.

# PIE In The Sky?

- In the last five months, our linkage to care program has collaborated with Needle Exchange to help get 10 patients linked to care using the Alert System in Insight.
- This would not be possible in the absence of a shared system.

# Other Opportunities

- Text Based Results Notification
- Provider Assisted Text-Based Partner Services
- Text Based Reminders
- Anonymous Partner Services Access
- “So They Can Know” is one option currently available on the web

# Food for Thought

- Most of the “Fantasy” portions of this presentation are being implemented in places like Uganda, Ethiopia, Tajikistan, etc.
- We can do this; money is not the issue in most cases.